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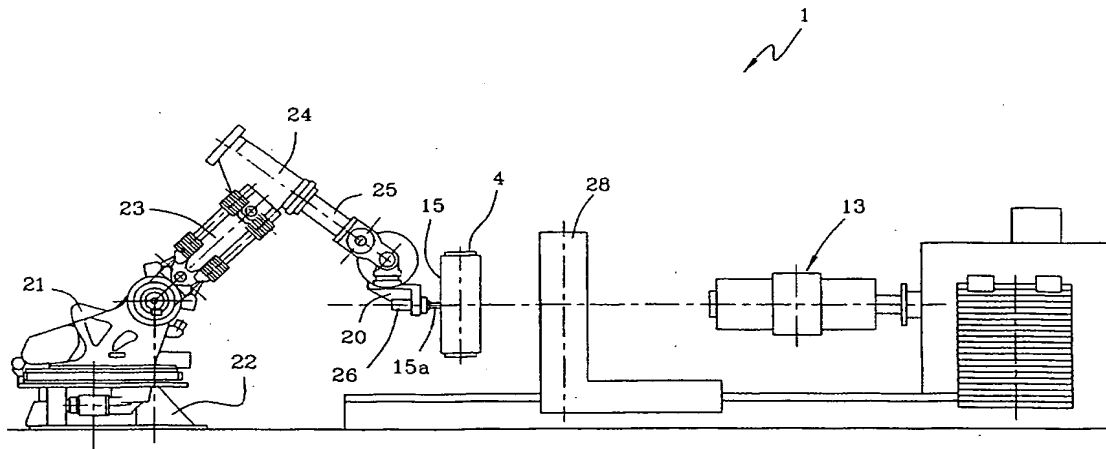
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(54) Title: A METHOD AND AN APPARATUS FOR ASSEMBLING TYRES FOR VEHICLE WHEELS



(57) Abstract: A carcass structure (3) of a tyre (2) is formed on a primary drum (13), while a belt structure (4) as well as, subsequently, a tread band (5) are being made on an auxiliary drum (15), to be afterwards coupled with the carcass structure (3). The auxiliary drum (15) is supported by a robotized arm (19a) causing translation of said auxiliary drum between a position of coaxial alignment with the primary drum (13), where the auxiliary drum (15) interacts with belt layer-feeding lines (16), and a position of interaction with at least one extruder (18, 18a) delivering a continuous strip-like element. The robotized arm (19a) moves the auxiliary drum (15) in front of the extruder (18, 18a) to carry out distribution of the strip-like element in contiguous circumferential coils so as to form the tread band (5).